

ABSTRACT

An object of the present invention is to provide a method for manufacturing a bared optical fiber having a good end surface of a coating when the coating of the coated optical fiber is removed, and a device for manufacturing the same.

To achieve the above object, according to the invention, a laser beam is applied to an coated optical to fuse the coating or work the coating in other manners, if a coating material has a lower melting point as compared with the material of the bared optical fiber to remove the coating, whereby a bared optical fiber is manufactured. In addition, a cyanogen gas generated when the coating of the coated optical fiber is fused or worked in other manners is decomposed by ozone, thereby being made harmless.